

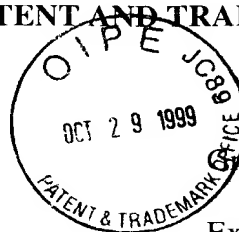
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: YU *et al.*

Application Serial No.: 09/246,129

Filed: February 8, 1999

For: TUMOR NECROSIS FACTOR-GAMMA



Group Art Unit: 1646

Examiner: Draper G.

Atty. Docket No.: PF141P4

**FEE TRANSMITTAL SHEET**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$ 438.00.

The claim amendment fee has been estimated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Add. Fee	or	Rate	Add. Fee
Total	61	Minus	41	=	20	X9	\$ **	X18	\$ 360.00
Indep	7	Minus	6	=	1	X39	\$ **	X78	\$ 78.00
First Presentation of Multiple Dep. Claims					+ 130	\$ **		+ 260	\$ **
				Total		\$ **	or	Total	\$ 438.00

Please charge the required fee, and any other fee deemed necessary, to Deposit Account No. 08-3425. A duplicate of this sheet is enclosed.

Respectfully submitted,

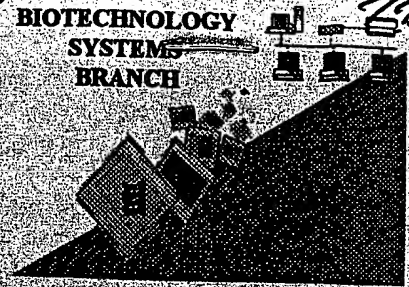
Date: 10/29/99

Joseph J. Kenny  
Agent for Applicants (Reg. No. 43,710)

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, MD 20850  
Telephone: (301) 610-5800

Enclosure

# RAW SEQUENCE LISTING ERROR REPORT

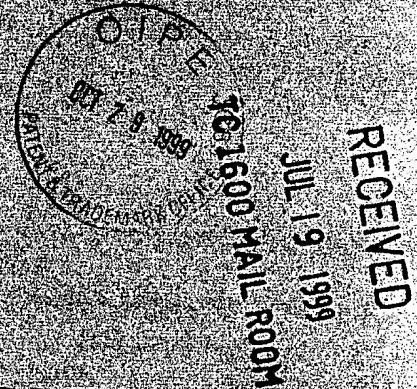


The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/246,129

Art Unit / Team No. 0186

Date Processed by STIC: 2/10/99



**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**ARTI SHAH 703-308-4212**

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/246,129

DATE: 02/17/1999  
TIME: 15:43:43

Input Set: I246129.RAW

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

RECEIVED  
JUL 19 1999  
TC 1500 MAIL ROOM

1 <110> Yu, Guo-Liang  
2 Ni, Jian  
3 Rosen, Craig A.  
4 Zhang, Jun  
5 <120> Tumor Necrosis Factor-Gamma  
6 <130> PF141P4  
7 <140> US/09/246,129  
8 <141> 1999-02-08  
9 <150> 60/074,047  
10 <151> 1998-02-09  
11 <150> 09/131,237  
12 <151> 1998-08-07  
13 <150> 09/005,020  
14 <151> 1998-01-09  
15 <150> 08/461,246  
16 <151> 1995-06-05  
17 <150> PCT/US94/12880  
18 <151> 1994-11-07  
19 <160> 24  
20 <170> PatentIn Ver. 2.0

ERRORED SEQUENCES FOLLOW

21 <210> 24  
22 <211> 458  
23 <212> DNA  
24 <213> Homo sapiens  
25 <220>  
26 <221> misc\_feature  
27 <222> (9)  
28 <223> n equals to a, t, g, or c  
29 <220>  
30 <221> misc\_feature  
31 <222> (112)  
32 <223> n equals to a, t, g, or c  
33 <220>  
34 <221> misc\_feature  
35 <222> (119)  
36 <223> n equals to a, t, g, or c  
37 <220>  
38 <221> misc\_feature  
39 <222> (303)

"a" is at location 112 - do you mean "n" at location 12?  
(next page)

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/246,129

DATE: 02/17/1999  
TIME: 15:43:43

Input Set: I246129.RAW

40 <223> n equals to a, t, g, or c  
41 <220>  
42 <221> misc\_feature  
43 <222> (311)  
44 <223> n equals to a, t, g, or c  
45 <220>  
46 <221> misc\_feature  
47 <222> (387)  
48 <223> n equals to a, t, g, or c  
49 <220>  
50 <221> misc\_feature  
51 <222> (409)  
52 <223> n equals to a, t, g, or c  
53 <220>  
54 <221> misc\_feature  
55 <222> (425)  
56 <223> n equals to a, t, g, or c  
57 <220>  
58 <221> misc\_feature  
59 <222> (424) *g is at location 424 do you mean 'n' at location 427?*  
60 <223> n equals to a, t, g, or c  
61 <220>  
62 <221> misc\_feature  
63 <222> (453)  
64 <223> n equals to a, t, g, or c  
65 <400> 24

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W--> 67 cccaaaattt cacacttcat gtgccttact gatgagagta ctaactggaa aaaggctgna 120  
68 agagagcaaa tatattatta agatgggttg gaggattggc gagtttctaa atattaagac 180  
69 actggatcac tgaaatgaat ggatgatcta ctcgggtcca ggattgaaag agaaatattt 240  
70 caacaccttc ctgctataca atggtcacca gtggtccagt tattgttcca atttggatcc 300  
W--> 71 atnaatttgc nttcaattcc aggagctttg gaaggaattc caaggaaagc tccaggaaaa 360  
W--> 72 ccgtattaaa ctttccaggg gccaaantcc ttcaccaatt ttttccacna actttccagg 420  
W--> 73 cctgnncaa aaaaatggaa agggagttgg tangtccc 458  
E--> 74  
75

1  
2 delete this at end of file

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I246129.RAW

Line ? Error/Warning

Original Text

66 W "N" or "Xaa" used: Feature required

67 W "N" or "Xaa" used: Feature required

71 W "N" or "Xaa" used: Feature required

72 W "N" or "Xaa" used: Feature required

73 W "N" or "Xaa" used: Feature required

74 E Number of Bases conflict w/ Running Total 1

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ggcacagcng gnagtagggg gcattccaca gggacaac  
cccaaaattt cacacttcat gtgccttact gatgagag  
atnaatttgc nttcaattcc aggagctttg gaaggaat  
ccgtattaaa ctttccaggg gccaaantcc ttcaccaa  
cctgncncaa aaaaatggaa agggagttgg tangtccc